



1. GTGGACTTAT TCAATTGATG GCTACATGG TAGTGCGATC CTGGTTTCG TAACAGGCGT TGTATAAAA
71. CTGGTGCGT TCACTAAGT TGAAACAAAT ACTCTGATG TTGCGACCT CGGGAAGGG AAAAGTCAA
141 ATAGCTTTC AGATCAGCGT GTTCTACGAG CTTTCACATG ACGTTTCCG TGTTACGCTT TTGAAAGATC
211 TGACGACTGC GTTGTATG TGAAACAGTA AGTGGATCC AAATCTCTAT TTGAAATAAA AACGGCTGCT
281 TGTCTTGC ATATCTGATG AATTCGAGG TGCTACATG ACCTGAAAGA AACGGCTTC CAGAATCTAA
351 TTGTAAGAC ACACAAACG CTTCACCTG GTTGTGCGT TGCGATCC TUTTGGGCC GATGGAAACG
421 GAAAATGAC ACCGGGGCGA TACGCTTTCG TGCGATCC AGTGGATCC AAATCTGATG TTGCTATCTG
491 AAAGCTTAAT GGTGGCGAG CGGGTTGGT OCTTAAATC GTTACGCTG ATATCTGATG AACGGCTCT
561 TAATAAAACA GTTCTAAAGG GCTGTTTATG GGAAATATG TGAAATATG CACATATAA TTGATGCTAT
631 TATATCTGC TGTATGCGT TCAACTTCA TGCTCTACG ATGAAATAAA TTGCGATTA GACCTTAATT
701 CAAGGTAATT TGCTTATTA ATTATCTGATG AAATGATGTT TGACGATG TTGCTGGT ATTTTATG
771 TTGTTCTTGT TTAATGACG GTGAGCTTG CGCTACATG TTGCTGATG GACAACTGTT TGATGAGT
841 ATTAAGATA TTGTTAAAGC ATGAGGGGTG TGCGTGTATG TTGCTGATG AAATGAAATA AAATGAAAC
911 TATATGTTAT TTGCGTCTT TTGATGTTG TGCTTAAAGG AGTGGAGATG ACCTGAAAGT CGCTTAATA
981 TGCGTAAAT TGCGATGCT ATATTCACC TCAAGGATC ACTATGCGA AAATGAAAGA TATTCGCT
1051 CGTATGAAAC ATATGATGATG GATGTTGTTG TTGCGAAAGA AAATGAAAGT TTGCTGGT AAATAACTCA
1121 AGCGCTTAG CGTTTCTCTG TATCTTAAAGA TACGAAAGA AGCGATGAA GTTAAATGAC ACTTAAAGG
1191 ATAGTCACCC TAAAGAGCGA CGGAACTTAA CGTTCTGAA AGCTCAAGT TGCGATCTT TTGAAAGCTC
1261 TGAGTGTGATG TGCGATCTG CGGTTTATG TGAAACTG AAAGGCTGTT TTGCGCGATG TGCGATGATG
1331 ATTAATGTC CGCGAACTG CGCGCGTAA CGTAACTCA AGCGCTGAA TGCGGCGATG AGATGCGTT
1401 CAAGGAGCA TGTCTAAATA AGTGGAAAGAT TGCTCTACG AGTGGTGTG AAATGAAAC
1471 AGAGATAATCG AGCTCATCTC ATGGTTGGT GCTGCTGATG TGCGATGAA TGACGATGAA GAAAGGCTG
1541 CGAATAGCG TGAGTGTGTT CGCGATTGAA TGCGAAAGCA TGCGATGACG CGACGCTG TGCTACGATG
1611 TGAAACGGTC AAATGATGATG ATGAAAGGCG CAAAGAAGA GAGGAAGCG AGCGAAAGT AAAGGATTT

1681 TTGCGATGATG TGCGCGATG CGCGAAAGC TGCGATGTT ATGCGCGCTG GCTGCGATG CGCTGCGATG
1751 GCGGAGTGC TGTTTGTGC TTGCGATG TGCGAAAGA CGCGAAAGT CGCGAAAGT AAATGATG
1821 TACGACCGCG CGCGCGCG AGCGCTTGC AGCGATGAAAGA AGCGAAAGG TTGCGTACCC
1891 CAATTGATG TGTTGCGACG TGCGCGATG AGCGATGTTG ATGCGTGG AGCGATGATG CGCGAAAGT CGCGATG
1961 GATTTGCGAA CGTACGCTG AGCGCTGTTT AAACCGCTT CGTACGCTG AGCGATGAA TGCGATG
2031 GAAAGCGAG CGCGAAAGC TACGACCGCG CGCGCGCG AGCGATGTTG CGCGCGCG CGCGCGCG
2101 CATCGGATA CGCGATGATG AGCGCGAAAGA CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG
2171 TACGACCGCG AGCGCGATG TGCGATGAAAGA TATGCGCGA GCGTGGATG TGCGATG
2241 GAGGAGAGTC TGCGATGTTG TTGCGCGAG CGCGCGCG AGCGCGATG CGTGGATGTTG AGAAAAGGCG
2311 ATCGATGCG GATGATGATG TTGCGATG TGCGCGCG AGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG
2381 TTGATGATG TTGCGATG CGCGCGCG AGCGCGCG AGCGCGCG AGCGCGCG AGCGCGCG AGCGCGCG
2451 AGCGCGCG AGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG AGCGCGCG AGCGCGCG
2521 GAGGAGATG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG
2591 CGTGGCGCTG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG
2661 CGCGCGCG AGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG
2731 CGTGGCGCTG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG
2801 TGCGATGATG CGCGCGCG CGCGCGCG AGCGCGCG AGCGCGCG AGCGCGCG CGCGCGCG CGCGCGCG
2871 CTACGCTGTTG ATGCGATGAG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG
2941 AGCGCGCG AGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG
3011 GAGGAGAGTC AGCGCGCG AGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG
3081 CGCGCGCG AGCGCGCG AGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG
3151 TGACGCTG TGCGATGAG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG
3221 ATGCGCGAG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG
3291 CTACGCGATG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG
3361 TTGCGCGAG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG
3431 AGCGCGCG AGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG
3501 TGCGATGATG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG CGCGCGCG
3571 GATGAAAGT CGCGCGCG

Fig 2